

AUTOMATED BORING BAR

ABSTRACT

The present invention relates to an improved apparatus and method for machining pipe. In one aspect, the multifunction apparatus is an improved device for machining the inside diameter and outside diameter of pipe, as well as shaping the wall of pipe. In another aspect, the invention is an improved method for machining pipe. In particular, the method employs a one-to-one communication ratio between the geared components that control the position of the cutting tool in order to eliminate rounding errors associated with conventional gearing systems.